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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**



Declaration
Submitted
With Initial
Filing

OR



Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

U001 100016

First Named Inventor

Huang, William Xiao-Qing

COMPLETE IF KNOWN

Application Number

10/676,053

Filing Date

09/30/2003

Art Unit

2819

Examiner Name

To be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FREQUENCY MAPPED CODING FOR SIGNAL ERROR CORRECTION

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

September 30, 2003

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

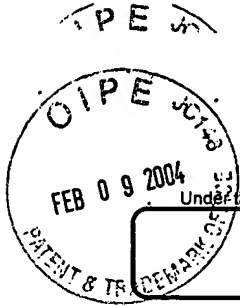
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 32662 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) William Xiao-Qing		Family Name or Surname Huang	
Inventor's Signature 		Date 1/30/04	
Residence: City San Ramon	State California	Country USA	Citizenship USA
Mailing Address 149 Lyndhurst Place			
City San Ramon	State California	ZIP 94583	Country USA
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any)) Yanbin		Family Name or Surname Yu	
Inventor's Signature 		Date 1/27/04	
Residence: City Fremont	State California	Country USA	Citizenship USA
Mailing Address 96 Mission Ridge			
City Fremont	State California	ZIP 94539	Country USA
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Dongtai		Family Name Liu	
Inventor's Signature <i>Dongtai Liu</i>		Date 2/1/04	
Residence: City Fremont	State CA	Country USA	Citizenship P.R. China
Mailing Address 2446 Lockwood Ave			
Mailing Address			
City Fremont	State CA	ZIP 93539	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



In the United States Patent and Trademark Office

Application No.: 10/676,053

Filing Date: 09/30/2003

Title: **FREQUENCY MAPPED CODING FOR
SIGNAL ERROR CORRECTION**

Applicant(s): Huang, William Xiao-Qing, et al.
Attorney Docket No.: U001 100016

Examiner: To be assigned
Art Unit: 2819

Power of Attorney

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner,

UTStarcom, Inc., as the assignee of record of the entire interest in the above identified application, hereby appoints Felix L. Fischer, Reg. No. 31,614 having the Customer Number identified below, as our attorney to prosecute the application, and to transact all business in the United State Patent and Trademark Office connected therewith, to receive the original Letters Patent, and to substitute or associate other attorneys on its behalf.

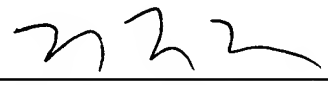
Please direct all correspondence for the above identified application to the Customer Number shown below.

Customer No. 32662

Assignee:

UTStarcom, Inc.

Dated: 1/21/04

By: 
Russell L. Boltwood
General Counsel

1215 Harbor Bay Parkway

Alameda, California 94502, U.S.A.

Main Tel: 510 864.8300

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UTStarcom

UTStarcom, Inc.

Russell L. Boltwood, Esq.
General Counsel
UTStarcom, Inc.
1215 Harbor Bay Parkway
Alameda, CA 94502

Subject: Delegation of Authority – Patent and Trademark Matters

Pursuant to my position as an authorized officer of UTStarcom, Inc. I, Hong Liang Lu, President and CEO, hereby delegate to Russell L. Boltwood, General Counsel for UTStarcom, Inc., the authority to execute all matters associated with transactions in the United States Patent and Trademark Office and all foreign patent or trademark offices for the filing, prosecution, issuance or other actions regarding applications for patents and trademarks for the corporation.

Executed on this 25 day of July, 2003.

Name: Hong Liang Lu
Title: President and CEO

Attest and seal

Name: Mike Sophie
Title: Secretary

SEAL



In the United States Patent and Trademark Office

Application No.: 10/676,053

Filing Date: 09/30/2003

Title: **FREQUENCY MAPPED CODING FOR
SIGNAL ERROR CORRECTION**

Applicant(s): Huang, William Xiao-Qing, et al.

Examiner: To be assigned

Attorney Docket No.: U001 100016

Art Unit: 2819

Statement Under 37 CFR 3.73(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner,

UTStarcom, Inc., a corporation of the State of Delaware, certifies that it is the assignee of the entire right, title and interest in the above identified application by virtue of the assignment from the inventor of the patent application. The assignment was filed for recordation concurrently herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Assignee:

UTStarcom, Inc.

Dated: 1/21/04

By: [Signature]
Russell L. Boltwood
General Counsel